



MiVue 388

User Manual

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Precautions and notices

- For your own safety, do not operate the controls of the product while driving.
- A window mount is needed when using the recorder in a car. Make sure that you place the recorder in an appropriate place, so as not to obstruct the driver's view or deployment of airbags.
- Make sure that no object is blocking the camera lens and no reflective material appears near the lens. Please keep the lens clean.
- If the car's windscreen is tinted with a coating, it may impact the recording quality.
- GPS is operated by the United States government, which is solely responsible for the performance of GPS. Any change to the GPS system can affect the accuracy of all GPS equipment.
- GPS satellite signals cannot pass through solid materials (except glass). When you are inside a tunnel or building, GPS positioning is not available. Signal reception can be affected by situations such as bad weather or dense overhead obstacles (e.g. trees, tunnels, viaducts and tall buildings).
- The GPS positioning data is for reference only.

Getting to know the recorder

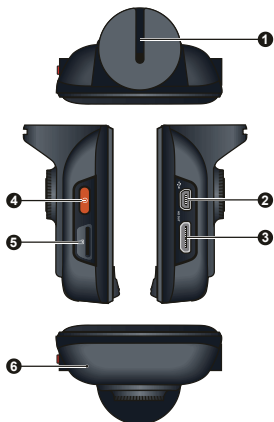
Front and rear components



	Name	Description
①	Camera lens	Make sure that no object is blocking the camera lens and no reflective material appears near the lens.
②	Speaker	Outputs audio.
③	Status indicator	Glows in green when the recorder is turned ON. Glows in red when recording is in progress.
④	OK key	Acts as the ENTER button. (This key's function may vary on different screens.)
⑤	Down key	Moves to the next item. (This key's function may vary on different screens.)
⑥	Up key	Moves to the previous item. (This key's function may vary on different screens.)

	Name	Description
7	Menu key	Enters the Settings menu.
		Returns to the previous screen.

Side components



	Name	Description
1	Device mount socket	For the device mount.
2	Mini-USB connector	Connects to the charger.
3	HD OUT connector	Connects to an external device.
4	Power key	Press to turn the recorder ON and OFF.
5	Memory card slot	Data is recorded to a MicroSD card. Note: You are advised to use a Class 6 memory card with at least 8GB capacity.
6	Microphone	

Inserting a memory card

CAUTION: Do not apply pressure to the centre of the memory card.

You have to insert a memory card before you can start recording.


The recorder supports MicroSD cards with up to 32GB capacity. You are advised to use a Class 6 memory card with at least 8GB capacity.

Hold the card (MicroSD) by the edges and gently insert it into the slot with the label facing the camera lens of your Mio.

To remove a card, gently push the top edge of the card inwards to release it, and pull it out of the slot.

Note: Mio Technology does not guarantee the product's compatibility with MicroSD cards from all manufacturers.

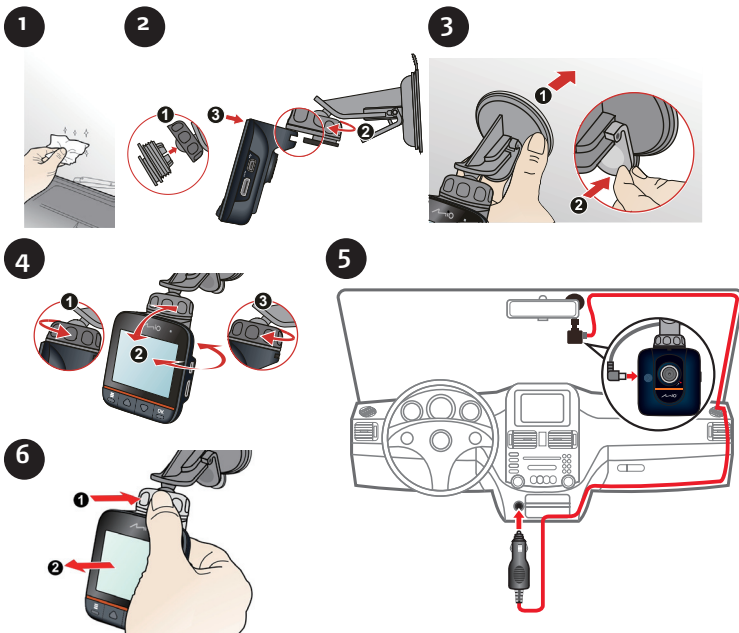


Note: Before you start recording, please format the MicroSD card to avoid malfunction caused by files not created by MiVue 388. You can format the card on your computer or on MiVue 388 (pressing the Menu key  and then select the format feature).

Using your recorder in a vehicle

CAUTION:

- Select an appropriate location for mounting the device in a vehicle. Never place the device where the driver's field of vision is blocked.
- If the car's windscreen is tinted with a reflective coating, it may be athermic and impact the GPS reception. In this instance, please mount your device where there is a "clear area."
- DO NOT insert or remove the memory card when operating the recorder.



To ensure the optimal recording angle, pay attention to the following:

1. Make sure that your car is parked on a level ground.

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2. When adjusting the angle of mounting, make sure that the camera's view is parallel with the level ground, and the ground/sky ratio is close to 6/4.

Use cable clips to secure the power cord so that it does not interfere with driving. To ensure the highest quality recordings, you are advised to place the recorder near the rear view mirror.

Connecting to an external device

For a better viewing experience, you can connect the recorder to an external viewing device that supports the High Definition (HD) feature via a HD cable (not supplied).

Operating basics

CAUTION: DO NOT remove or insert the memory card while recording.

Connect the recorder to the car charger according to the installation instructions in the previous "Using your recorder in a vehicle" section.

Turning the recorder ON and OFF

Once the vehicle engine is started, the recorder automatically turns on. By default, the recording will start right after the recorder turns on.


When a GPS fix is established, the  icon will show on the top-right corner of the screen. The number of the vertical bars in the icon indicates the strength of the signal.

When the vehicle engine is turned off, the recorder automatically saves the recording. By default, the recorder will turn off immediately.

To manually turn the recorder on and off, press and hold the **Power** key  for 2 seconds.


Hardware reset

Occasionally, you may need to perform a hardware reset when the recorder stops responding; or appears to be “frozen” or “locked-up.”

To perform a hardware reset, press and hold the **Power** key  for 5 seconds.

Setting the date and time

To make sure of the correct date and time for your recordings, please check the date and time settings before you begin recording.

1. Press the **Menu** key  to access the **Settings** menu.
2. Select **Date / Time** and press the **OK** key.
3. Use the **▲** and **▼** keys to adjust the value and press the **OK** key.
4. Repeat Step 3 until all fields have been changed.

Recording in driving mode

Continuous recording

When you connect the car charger to the cigarette lighter in the car, the recorder will start continuous recording automatically. The recording may be divided into several video clips; recording will not stop between video clips.

The recorder automatically stops and saves the recording when the vehicle engine is turned off. If you want to stop recording manually, press the **▼** key.

When recording is not in progress, you can manually start the continuous recording at any time by pressing the **OK** key. To stop recording, press the **▼** key.

The continuous recordings can be found in the “Video” category for file playback.

Note: If continuous recording is ongoing but there is not enough space on your memory card, new video clips will replace the old ones.

Event recording

By default, if an event happens, such as sudden impact, high-speed driving, an overdone turn or an accidental crash, the G sensor will prompt the recorder to start an "emergency" recording (an event recording).

If you want to manually start an event recording while continuous recording is in progress, press the **OK** key.

To stop recording, press the ▼ key.


The event recordings can be found in the "Emergency" category for file playback.

Camera mode


If the recording is in progress, press the ▼ key to stop recording. When ready, press the ▼ key to take the photo.

Playback mode

To select a video or photo for playback:

1. Press the **Menu** key  to access the **Settings** menu.
2. Select **File Playback** and press the **OK** key.
3. Select the desired type and press the **OK** key. The types include:
 - **Video** (continuous recordings)
 - **Emergency** (event recordings)
 - **Photo**
4. Select the desired file from the list and press the **OK** key.



During playback, you can:

- Press the **Menu** key  to return to the list.
- Press the **OK** key to pause or resume video playback.
- Press the **▲/▼** key to switch to the previous/next file.

Safety camera alerts

Note: The safety camera alerts function is not allowed to use in France, Germany and Switzerland.

You can receive alerts to warn you about the locations of safety cameras, which will enable you to monitor your speed through these areas.

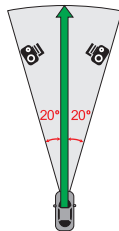
Press the **▲**  key to display the detection range and status of safety cameras. Press the **▲**  key again to return to the previous screen.

When a safety camera appears within the red-outlined area and is positioned in the detectable direction (as illustrated), you will receive alerts.

The screen will display the visual alert, and you will also receive audio warnings. When the alert sound setting is set to **Beep**:

- When your car approaches a safety camera, you will receive a normal beep alert.
- When your car approaches a safety camera at a speed over the set threshold, you will receive a persistent beep alert until your car speed is under the threshold.
- When your car passes through a safety camera, you will be notified by a different beep alert.

You can change the settings about how you want to receive the safety camera alerts. (See the "System settings" section for information.)



Note: Mio does not warrant that all types and locations of safety camera data are available, as cameras may be removed, relocated or new cameras installed.

Updating safety camera data

Occasionally Mio may offer you updates of safety camera data. Visit the Mio website for available downloads.

The safety camera data may come in various formats.


- If the downloaded file is in .raw format, copy the .raw file to the root directory of your MicroSD card.
- If the downloaded file is not in .raw format, you need to convert the data to .raw format before copying it to the root directory of your MicroSD card. Please check the Mio website for more information on the conversion instructions.

To update safety camera data, insert the MicroSD card with the .raw file into the recorder and turn on the recorder. When prompted, select **Yes** and press the **OK** key. When the update is complete, you may need to restart the recorder.

File management

CAUTION: Deleted files cannot be recovered. Make sure to back up your files before deletion.

To delete files:

1. Press the **Menu** key  to access the Settings menu.
2. Select **File Deletion** and press the **OK** key.
3. Select the desired type and press the **OK** key.
4. Select the desired file from the list and press the **OK** key.

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5. Select the desired option:
 - **Delete One:** to delete the current file
 - **Delete All:** to delete all files of the selected type
 6. Press the **OK** key to proceed.

System settings

To customise the system settings, press the **Menu** key .

Item	Description
File Playback	Plays videos and photos.
GPS Status	Displays the status of GPS signal reception.
Auto Time Zone	When enabled (default), if a GPS fix has ever been available, the recorder will automatically acquire the correct local time setting based on the selected time zone. To change the time zone, select this item and press the OK key. Then set the desired time zone and press the OK key to save the changes.
Date / Time	Sets the system date and time.
Time Stamp	Shows or hides time and date in the recordings.
GPS Stamp	Sets if and how you want to record the GPS information.
Distance Unit	Sets the preferred distance unit.
Resolution	Sets the image resolution.
Screen Timeout	Sets the timer for the LCD to turn off automatically (in specified time) after recording starts.
Record Voice	Sets if you want to include sounds in the recordings.

Item	Description
Beep	Enables or disables system notification sounds.
SafetyCam Alert Sound	Sets how you want to be notified of safety cameras.
Record upon Power-on	Enables or disables the recorder to start recording automatically once it is powered on.
Video Clip Length	Sets the length of each video clip for a continuous recording.
G-Sensor Sensitivity	When enabled, the G sensor will prompt the recorder to start recording automatically if an event happens (in driving mode). You can change the sensitivity level of the G sensor (in driving mode).
Power-off Delay	Recorder can be set to turn off in 10 seconds after power-off.
Language	Sets the language.
File Deletion	Deletes file(s).
Format	Formats a memory card. (All data will be erased.)
Restore to Defaults	Restores system settings to factory defaults.
SafetyCam Alert Distance	Sets the distance level of alerts when you are ahead of safety cameras.
SafetyCam Threshold	Sets the speed value for the recorder to start offering alerts.
Volume	Adjusts the volume level.
About	Displays the software information.

MiVue Manager

MiVue Manager is a tool for you to view the videos recorded on a MiVue recorder.

IMPORTANT! Your computer needs MOV and AVI codecs to play the recording files. Please visit www.mio.com to install the required codecs.

Note: Not all features are available for every model.

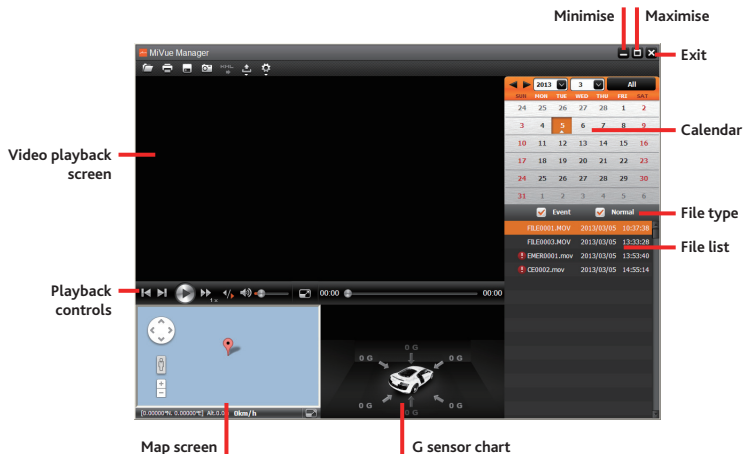
Installing MiVue Manager

Insert the CD that came with the recorder into your computer's CD drive. Double-click Setup.exe and follow the on-screen prompts to install MiVue Manager.

Playing the recording files

Note: You are advised to copy the recording files to your computer for backup and playback.

1. Do one of the following:
 - Connect the mini-USB end of the USB cable (not supplied) to the recorder and the other end to a USB port on your computer.
 - Remove the memory card from the recorder and access the card on the computer via a card reader.
2. Start MiVue Manager on the computer.



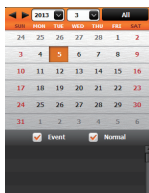
Note: The Map screen may not display when the computer is not connected to the Internet or when your Mivue model does not support the GPS function.

Note: G sensor chart displays data in 3-axis waveform about the car's shift forward/backward (X), to the right/left (Y) and upward/downward (Z).

- By default, MiVue Manager shows the calendar and the file list on the right.
 - When a recording file exists, you will see the date marked with "▲". Click that date to display the files that were recorded on that date.

- You can choose the file type to display: **Event** (emergency event recordings) and/or **Normal** (continuous recordings).
- To display all files in the current folder, click **All**. To return to the calendar view, click **Calendar**.

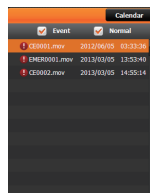
Calendar




Calendar and File List













All File List









You can also click  on the upper-left corner to select the folder that stores the recording files.

4. Double-click the desired file on the file list to start playback.
5. The playback controls are described as follows:

Icon	Description
	Starts or resumes the playback.
	Pauses the playback.
	Skips to the previous / next file on the list.
	Changes the playback speed to 1/4x, 1/2x, 1x (default), 1.5x, or 2x.

Icon	Description
	Changes the playback direction. The ► icon indicates the current playback direction.
	Mutes or unmutes the volume.
	Adjusts the volume level.
	Plays the video in full screen.
	Returns to the normal view.
	Displays the playback progress. You can click on a point along the track bar to move directly to a different location for the playback.

6. The tool bar allows you to do the following:

- Click  to preview and print the current video image.
- Click  to back up the selected files to the specified location on your computer.
- Click  to capture and save the current video image to the specified location on your computer.
- Click  to export the GPS information of the selected file in the KML format to the specified location on your computer.
- Click  to upload the selected file to Facebook or YouTube.
- Click  to open the Settings menu. (See the next section.)

Settings menu

Click  to open the Settings menu. The Settings items are described as follows:

- **Change Language:** Sets the display language of MiVue Manager.
- **Change Skin:** Sets the color scheme of MiVue Manager.
- **Check for Update:** Checks if there is any new version of MiVue Manager.
Note: Internet access is required for this feature.
- **About:** Displays the version and copyright information of MiVue Manager.

Caring for your device

Taking good care of your device will ensure trouble-free operation and reduce the risk of damage.

- Keep your device away from excessive moisture and extreme temperatures.
- Avoid exposing your device to direct sunlight or strong ultraviolet light for extended periods of time.
- Do not place anything on top of your device or drop objects on your device.
- Do not drop your device or subject it to severe shock.
- Do not subject your device to sudden and severe temperature changes. This could cause moisture condensation inside the unit, which could damage your device. In the event of moisture condensation, allow the device to dry out completely before use.
- The screen surface can easily be scratched. Avoid touching it with sharp objects. Non-adhesive generic screen protectors designed specifically for use on portable devices with LCD panels may be used to help protect the screen from minor scratches.

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- Never clean your device with it powered on. Use a soft, lint-free cloth to wipe the screen and the exterior of your device.
 - Do not use paper towels to clean the screen.
 - Never attempt to disassemble, repair or make any modifications to your device. Disassembly, modification or any attempt at repair could cause damage to your device and even bodily injury or property damage and will void any warranty.
 - Do not store or carry flammable liquids, gases or explosive materials in the same compartment as your device, its parts or accessories.
 - To discourage theft, do not leave the device and accessories in plain view in an unattended vehicle.
 - Overheating may damage the device.

Regulatory information

CE



Products with the CE marking comply with the Electromagnetic Compatibility Directive (2004/108/EC) - issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Standards:

- EN 300 440-1 V1.6.1 (2010-08)
- EN 300 440-2 V1.4.1 (2010-08)
- EN 301 489-1 V1.9.2 (2011-09)
- EN 301 489-3 V1.4.1 (2002-08)

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- EN 55022:2010 +AC:2011, Class B
 - EN 61000-3-2:2006 +A1:2009 +A2:2009, Class A
 - EN 61000-3-3:2008
 - EN 61000-4-11:2004
 - EN 61000-4-2:2009
 - EN 61000-4-3:2006 +A1:2008 +A2:2010
 - EN 61000-4-4:2004 +A1:2010
 - EN 61000-4-5:2006
 - EN 61000-4-6:2009

The manufacturer cannot be held responsible for modifications made by the User and the consequences thereof, which may alter the conformity of the product with the CE Marking.

Industry Canada (IC)

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.

WEEE



This product must not be disposed of as normal household waste, in accordance with the EU directive for waste electrical and electronic equipment (WEEE – 2002/96/EC). Instead, it should be disposed of by returning it to the point of sale, or to a municipal recycling collection point.

Safety precautions

About charging

- Use only the charger supplied with your device. Use of another type of charger may result in malfunction and/or danger.
- This product is intended to be supplied by a LISTED Power Unit marked with “LPS”, “Limited Power Source” and output rated + 5 V dc / 1.2 A.
- Use a specified battery in the equipment.

About the charger

- Do not use the charger in a high moisture environment. Never touch the charger when your hands or feet are wet.
- Allow adequate ventilation around the charger when using it to operate the device or charge the battery. Do not cover the charger with paper or other objects that will reduce cooling. Do not use the charger while it is inside a carrying case.
- Connect the charger to a proper power source. The voltage requirements are found on the product case and/or packaging.
- Do not use the charger if the cord becomes damaged.
- Do not attempt to service the unit. There are no serviceable parts inside. Replace the unit if it is damaged or exposed to excess moisture.

About the battery

- Use a specified battery in the equipment.
- CAUTION: This unit contains a non-replaceable internal Lithium Ion battery. The battery can burst or explode, releasing hazardous chemicals. To reduce the risk of fire or burns, do not disassemble, crush, puncture, or dispose of in fire or water.

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- Important instructions (for service personnel only)
 - Caution: Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
 - Replace only with the same or equivalent type recommended by the manufacturer.
 - The battery must be recycled or disposed of properly.
 - Use the battery only in the specified equipment.

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Trademarks

All brand and product names are trademarks or registered trademarks of their respective companies.

Disclaimer

Specifications and documents are subject to change without notice. Mio Technology does not warrant this document is error-free. Mio Technology assumes no liability for damage incurred directly or indirectly from errors, omissions, or discrepancies between the device and the documents.

Notes

Not all models are available in all regions.

Depending upon the specific model purchased, the color and look of your device and accessories may not exactly match the graphics shown in this document.



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